

Polyclonal Antibody to Bovine IgG (F(ab)2 specific) - TRITC

Alternate names:	Immunoglobulin G
Catalog No.:	R1306T
Quantity:	2 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Bovine IgG F(ab') ₂ fragment.
Format:	State: Lyophilized purified Ig fraction. Purification: Immunoaffinity chromatography. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with Polyethylene Glycol (PEG-8000) as stabilizer and 0.01% (w/v) sodium azide as preservative. Label: TRITC – Tetramethylrhodamine isothiocyanate (Molecular Weight 444 daltons) <i>Absorption / Emission:</i> 550 nm / 570 nm <i>Molar Ratio:</i> 2.7 moles TRITC per mole of Rabbit IgG. Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).
Applications:	Suitable for Immunomicroscopy (1/500-1/2,500) and Flow cytometry (1/2,000-1/10,000) or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Bovine IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Rabbit Serum, Bovine IgG, Bovine IgG F(ab') ₂ and Bovine Serum. No reaction was observed against Bovine IgG F(c).
Storage:	Store vial at 2-8°C prior to restoration. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This antibody is stable for one month at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
General References:	J.A. Titus, et al. J. Immunol. Methods 50; 193, 1982. (Conjugation)

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com